#### 105TH CONGRESS 1ST SESSION

# H. R. 860

To authorize appropriations to the Department of Transportation for surface transportation research and development, and for other purposes.

## IN THE HOUSE OF REPRESENTATIVES

February 27, 1997

Mrs. Morella (for herself and Mr. Brown of California) introduced the following bill; which was referred to the Committee on Science

# A BILL

To authorize appropriations to the Department of Transportation for surface transportation research and development, and for other purposes.

- 1 Be it enacted by the Senate and House of Representa-
- 2 tives of the United States of America in Congress assembled,
- 3 SECTION 1. SHORT TITLE.
- 4 This Act may be cited as the "Surface Transpor-
- 5 tation Research and Development Act of 1997".
- 6 SEC. 2. DEFINITION.
- 7 For purposes of this Act, the term "Secretary"
- 8 means the Secretary of Transportation.

### SEC. 3. SURFACE TRANSPORTATION RESEARCH, DEVELOP-

- 2 MENT, AND TECHNOLOGY PROGRAM.
- 3 (a) Surface Transportation Research, Devel-
- 4 OPMENT, AND TECHNOLOGY PROGRAM.—There are au-
- 5 thorized to be appropriated to the Secretary for fiscal
- 6 years 1998, 1999, 2000, 2001, 2002, and 2003 such sums
- 7 as are necessary to carry out surface transportation re-
- 8 search, development, and technology activities.
- 9 (b) Highway Research, Development, and
- 10 Technology.—Of the sums authorized to be appro-
- 11 priated by subsection (a), such sums as are necessary are
- 12 authorized to be appropriated to the Secretary to carry
- 13 out highway research, development, and technology activi-
- 14 ties, including—
- 15 (1) motor carrier transportation activities; and
- 16 (2) all phases of highway planning and develop-
- 17 ment (including construction, operation, moderniza-
- tion, development, design, maintenance, safety, fi-
- 19 nancing, and traffic conditions).
- 20 (c) Intelligent Transportation Systems.—Of
- 21 the sums authorized to be appropriated by subsection (a),
- 22 such sums as are necessary are authorized to be appro-
- 23 priated to the Secretary to carry out activities to research,
- 24 develop, and operationally test intelligent transportation
- 25 systems as a component of the Nation's surface transpor-
- 26 tation systems.

### 1 SEC. 4. UNIVERSITY-BASED TRANSPORTATION RESEARCH

- 2 AND DEVELOPMENT.
- 3 (a) University Transportation Research and
- 4 Development Centers.—There are authorized to be
- 5 appropriated to the Secretary for fiscal years 1998, 1999,
- 6 2000, 2001, 2002, and 2003 such sums as are necessary
- 7 to award competitive grants to universities to operate cen-
- 8 ters for transportation and development.
- 9 (b) University Transportation Research and
- 10 Development Institutes.—There are authorized to be
- 11 appropriated to the Secretary for fiscal years 1998, 1999,
- 12 2000, 2001, 2002, and 2003 such sums as are necessary
- 13 to award competitive grants to universities to operate
- 14 transportation research and development institutes.
- 15 (c) Research and Development Fellowships.—
- 16 There are authorized to be appropriated to the Secretary
- 17 for fiscal years 1998, 1999, 2000, 2001, 2002, and 2003
- 18 such sums as are necessary to carry out the Dwight David
- 19 Eisenhower Transportation Fellowship Program for the
- 20 purpose of attracting qualified students to the field of
- 21 transportation research, development, and engineering.
- 22 SEC. 5. COLLABORATIVE RESEARCH AND DEVELOPMENT.
- 23 (a) In General.—For the purposes of encouraging
- 24 innovative solutions to highway problems and stimulating
- 25 the marketing of new technology by private industry, the
- 26 Secretary is authorized to undertake, on a cost-shared

- 1 basis, collaborative research and development with non-
- 2 Federal entities, including State and local governments,
- 3 foreign governments, colleges and universities, corpora-
- 4 tions, institutions, partnerships, sole proprietorships, and
- 5 trade associations which are incorporated or established
- 6 under the laws of any State.
- 7 (b) AGREEMENTS.—In carrying out this section, the
- 8 Secretary may enter into cooperative research and devel-
- 9 opment agreements, as such term is defined under section
- 10 12 of the Stevenson-Wydler Technology Innovation Act of
- 11 1980 (15 U.S.C. 3710a).
- 12 (c) Federal Share.—The Federal share payable on
- 13 account of activities carried out under a cooperative re-
- 14 search and development agreement entered into under this
- 15 section shall not exceed 50 percent of the total cost of such
- 16 activities; except that, if there is substantial public interest
- 17 or benefit, the Secretary may approve a higher Federal
- 18 share. All costs directly incurred by the non-Federal part-
- 19 ners, including personnel, travel, and hardware develop-
- 20 ment costs, shall be treated as part of the non-Federal
- 21 share of the cost of such activities for purposes of the pre-
- 22 ceding sentence.
- 23 (d) Utilization of Technology.—The research,
- 24 development, or utilization of any technology pursuant to
- 25 a cooperative research and development agreement entered

- 1 into under this section, including the terms under which
- 2 the technology may be licensed and the resulting royalties
- 3 may be distributed, shall be subject to the Stevenson-
- 4 Wydler Technology Innovation Act of 1980.
- 5 (e) AUTHORIZATION.—For fiscal years 1998, 1999,
- 6 2000, 2001, 2002, and 2003, there are authorized to be
- 7 appropriated to the Secretary such sums as are necessary
- 8 to carry out the provisions of this section.

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